

**NAVAL MEDICAL CENTER PORTSMOUTH
LABORATORY MEDICINE SERVICES
JUL 2009 - DEC 2009**

Table 1. Antibiogram based on the K/B disc method for Gram Negative Rods reported as % susceptible.

PATHOGEN	ENTEROBACTERIACEAE PANEL													
	n ^a	AML ^b	AMP	KZ	CTX	CTT	CXM	CIP	CN	F	TE	SXT	LVX	TGC
<i>Escherichia coli</i>	1344	93	65	97	100	100	99	90	96	99	84	85	93	100
<i>Proteus mirabilis</i>	120	96	91	97	100	99	98	97	98	37	8	94	97	98
	KES PANEL ^c													
	n	AMK	FEP	AML	CAZ	CIP	CN	IPM	F	LVX	TAZ	TE	TOB	SXT
<i>P. aeruginosa</i>	83	82	89	46	83	94	77	93	92	89	96	51	92	34
<i>Pseudomonas spp.</i>	6	100	100	0	100	83	83	100	83	83	100	17	100	17
<i>Klebsiella spp.</i>	160	99	100	85	98	98	99	100	90	99	100	92	99	92
<i>Citrobacter spp.</i>	31	97	100	71	97	100	100	100	100	100	100	97	100	100
<i>Acinetobacter spp.</i>	14	100	100	79	100	100	100	93	86	100	100	86	100	100
<i>B. cepacia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>E. aerogenes</i>	63	95	100	29	96	100	100	100	90	98	100	97	100	98
<i>E. cloacae</i>	32	97	100	16	97	97	97	100	97	100	100	81	100	91
<i>S. maltophilia</i>	Isolate tested using E-test method below													

^aNumber of isolates tested.

^bNumbers under each antibiotic columns indicate % susceptible

^c*Klebsiella*, *Enterobacter* and other oxidase positive/negative gram negative rods.

Table 2. Antibiogram based on the K/B disc method for Gram Positive Cocci reported as % susceptible.

PATHOGEN	STAPHYLOCOCCUS PANEL												
	n	KZ	DA	CN	F	LVX	OX	E	RD	TE	SXT	TGC	VA
<i>S. aureus</i>	541	99	88	100	100	97	100	72	100	97	99	100	100
M.R.S.A*	522	0	92	99	100	80	0	100	100	99	99	100	100
<i>Staph. coag. neg.</i>	756	75	79	93	99	87	71	51	99	88	79	100	100

*MRSA represents 49.1% of the total *S. aureus*

Table 3. Antibiogram based on Minimum Inhibitory Concentration (MIC) values reported as % susceptible.

PATHOGEN	ENTEROCOCCUS PANEL									
	n	AM	GMS	STS	SYN	LNZ	VA	AM= Ampicillin	VA = Vancomycin	
<i>E. faecalis</i>	108	100	83	76	99	100	100	GMS= Gent. Syn	LNZ=Linezolid	
<i>E. faecium</i>	7	86	86	100	71	86	71	STS = Strep. Syn	SYN= Synercid	
	E-TEST METHOD									
	n	MX	TLc	TS	TGC	MX = Moxifloxacin TGC: Tygacil				
<i>Steno. maltophilia</i>	20	75	50	90	65	TLc = Timentin				
						TS= Septra				
	n	TXL	LVX	EM	PG	RI	VA	TXL: Ceftriaxone EM: Erythromycin		
								LVX: Levofloxacin PG: Penicillin		
<i>Strep. pneumoniae</i>	19	74	100	47	53	100	100	RI: Rifampin VA: Vancomycin		

Table 4. Group B *Streptococcus*

GROUP B STREP PANEL			
	n	DA	EM
Group B Strep	1024	72	62

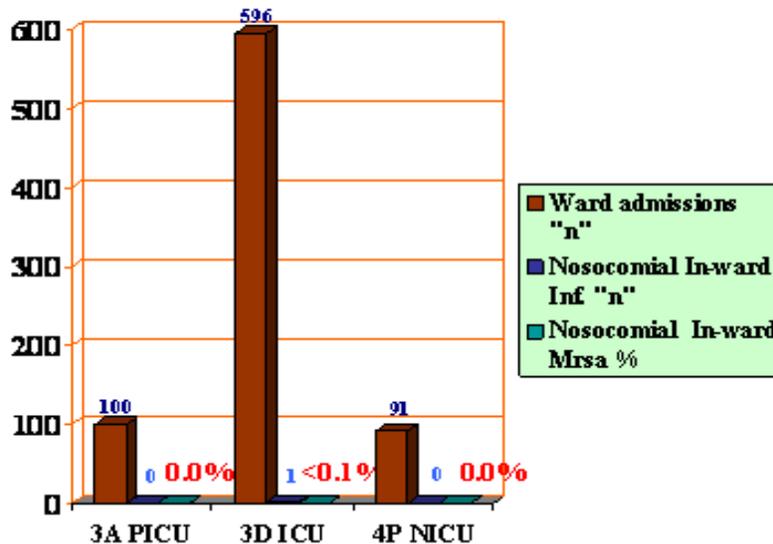
Started: 8/21/2004

ANTIBIOTIC LEGEND					
AMK: Amikacin	AML: Augmentin	AMP: Ampicillin	ATM: Aztreonam	CAZ: Ceftazidime	CIP: Cipro
CN: Gentamicin	CTT: Cefotetan	CTX: Cefotaxime	CXM: Cefuroxime	DA: Clindamycin	E: Erythro
F: Nitrofurantoin	FEP: Cefepime	IPM: Imipenem	KZ: Cefazolin	LVX: Levofloxacin	OX: Oxacillin
RD: Rifampin	SXT: Septra	TAZ: Pip/Taz	TE: Tetracycline	TOB: Tobramycin	TGC: Tygacil
VA: Vancomycin					

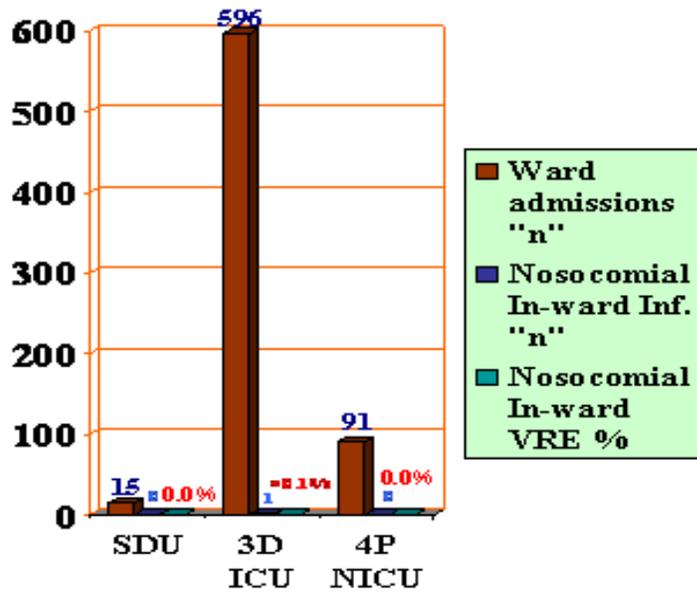
Values used to interpret a sensitivity reaction

Antibiotic	MIC value	Interpretation
Pneumococcus Pen-G	0.03 ug/ml - 0.06 ug/ml	Susceptible
	0.12 ug/ml - 1.0 ug/ml	Intermediate
	> 2 ug/ml	Resistant
Pneumococcus Vanc	< 1.0 ug/ml	Susceptible
	> 1.0 ug/ml	Resistant
Pneumococcus Ceftriaxone (non-meningitis isolates)	< 1.0 ug/ml	Susceptible
	2.0 ug/ml	Intermediate
	> 4.0 ug/ml	Resistant
Pneumococcus Ceftriaxone (meningitis isolates)	< 0.5 ug/ml	Susceptible
	1.0 ug/ml	Intermediate
	> 2.0 ug/ml	Resistant
Non-enterococcal Strep Pen-G	0.03 ug/ml - 0.12 ug/ml	Susceptible
	0.25 ug/ml - 2.0 ug/ml	Intermediate
	> 4 ug/ml	Resistant
Enterococcus Streptomycin Syn	< 1000 ug/ml	Susceptible
	> 1000 ug/ml	Resistant
Enterococcus Gentamicin Syn	< 500 ug/ml	Susceptible
	> 500 ug/ml	Resistant

MRSA in critical wards (Jul-Dec) 2009



VRE in critical wards (Jul-Dec) 2009



Clostridium difficile Positive tracking

(Jul-Dec) 2009

C. difficile "n": 705

Positive *C. difficile* "n": 32

